



California Regional Water Quality Control Board

Santa Ana Region



Alan C. Lloyd, Ph.D.
Agency Secretary

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Arnold Schwarzenegger
Governor

December 12, 2005

Base Realignment and Closure
Attn: Mr. Darren Newton
BRAC Environmental Coordinator
7040 Trabuco Road
Irvine, California 92618

COMMENTS ON SUMMARY REPORT, MSC JP5 FORMER DRY WELL 215, FORMER MARINE CORPS AIR STATION, EL TORO, SWRCB GEOTRACKER ID: T0605964530, T0605901968

Dear Mr. Newton:

We have reviewed the above referenced document, dated October 24, 2005, which we received on October 28, 2005. We have the following comments:

The former Dry Well 215 is near and associated with former Underground Storage Tank (UST) 215 within Former Tank Farm 5 and southeast of Installation Restoration Program Site 4. UST 215, a former 50,000-gallon aviation fuel storage tank, was connected to Dry Well 215. Both features were constructed in 1943. The dry well is located approximately 20 feet northwest of the eastern corner of Former Tank Farm 5 and 15 feet northeast of an abandoned 8-inch JP5 pipeline. The dry well investigation area encompassed the Former UST Site 215 and several segments of abandoned JP5 pipelines, and is approximately 140 by 160 feet.

Investigation methods included soil gas sampling, soil sampling, and exploratory trenches. In June 2000, seven soil gas sampling locations were located in the vicinity of the dry well for evaluation of the JP5 pipelines. Six of the sample locations were sampled at 5 and 10 feet below ground surface (bgs) with one location sampled at 5, 10, 20, and 30 feet bgs. Five exploratory trenches were excavated in order to inspect abandoned fuel pipelines during 2004 and 2005. Two soil borings were advanced near the dry well with the nearest one sampled at 10 and 30 feet bgs and the second sampled at 10 and 20 feet bgs. No significant petroleum hydrocarbon contamination was found in any investigation location except one of the soil gas locations. Soil gas location SG24 indicated contamination at all four sampling depths. It is located within the former UST 215 Site. Other than within the former UST 215 Site, no significant release of petroleum hydrocarbons was discovered during investigations at the dry well area.

We concur with your recommendation of no further action (NFA) for Dry Well 215. We do not concur with NFA for the entire Dry Well 215 Investigation Area. Our concurrence is with the provision that the information you provided is accurate and representative of site conditions. Even though the former UST 215 Site was closed by Orange County Health Care Agency on March 27, 1997, further investigation of the petroleum contamination identified at soil gas location SG24 from the 10-foot bgs sample is necessary. Please submit a work plan to complete assessment of this petroleum contamination at the Former UST 215 Site.

California Environmental Protection Agency



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Mr. Darren Newton

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December 12, 2005

For any questions, please call me at (951) 782-4494, or send email to jbroderick@waterboards.ca.gov.

Sincerely,



John Broderick
SLIC/DoD Section

cc via email: Ms. Lynn Hornecker, NAVFACENGCOM, Southwest Division

California Environmental Protection Agency



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